



Power Key 5.0

TE Internal #: 2-1376386-3

Rectangular Power Connectors, Header, Plug, Wire-to-Board, 4 Position, 5 mm [.197 in] Centerline, Printed Circuit Board, UL 94V-0, Power Key 5.0

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **4**

Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
Number of Power Positions	6
Number of Signal Positions	0
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features



Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Retention Within Housing	Without
Contact Type	Tab
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	5 mm[.197 in]
Housing Color	Blue
Housing Material	Nylon 66

Dimensions

Row-to-Row Spacing	6.2 mm[.244 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant



China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

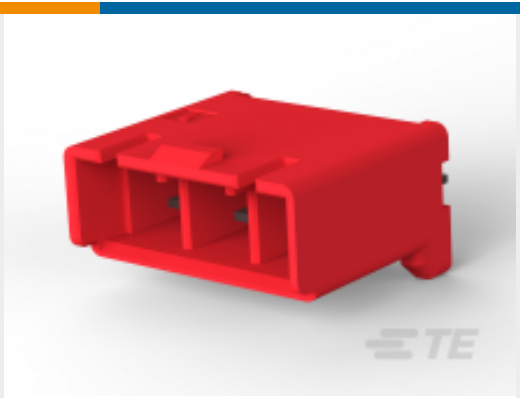
Compatible Parts



TE Part # 2-1376392-3
5MM POWER KEY 4P PLUG 2ROW BLU



TE Part # 2-1376437-3
5MM POWER KEY 2P HDR ASSY BLUE



TE Part # 1-2174298-2
5mm POWER KEY 3P HDR ASSEMBLY



TE Part # 1376386-2
5mm B-T-W Conn. 4P(2row) HDR A



TE Part # 2-2174298-3
5mm POWER KEY 3P HDR ASSEMBLY



TE Part # 2174298-1
5mm POWER KEY 3P HDR ASSEMBLY

Also in the Series | **Power Key 5.0**



Insertion & Extraction Tools(1)

PCB Latches, Locks & Retainers(4)

Power Contacts(4)

Rectangular Power Connectors(107)

Customers Also Bought

TE Part #1-292250-5
CT P/HDR BOX H ASSY 15P W/KINK

TE Part #292206-2
MINI CT SGL DIP H 2P NAT

TE Part #1376382-1
5mm B-T-W Conn. 2P HDR ASSEMBL

TE Part #1376386-1
5mm B-T-W Conn. 4P(2row) HDR A

TE Part #643411-1
02P UMNL HDR ASSY POL

TE Part #917728-1
2.5 SIGNAL D/LOCK HDR ASSY 8P

TE Part #917724-1
2.5 S.D.LOCK HDR ASSY 4P H/PRO

TE Part #1376384-1
5mm B-T-W Conn. 4P HDR ASSEMBL

TE Part #1-292133-0
CT P/HDR ASSY BOX V 10P W/O KI

Documents

Product Drawings
5mm B-T-W Conn. 4P(2row) HDR A
English
5mm B-T-W Conn. 4P(2row) HDR A
English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_2-1376386-3_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1376386-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1376386-3_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

[1-1773881-9 Power Key Connector Quick Reference Guide](#)

English

Product Specifications

[5.0 POWER KEY CONNECTOR](#)

Japanese

Application Specification

Japanese

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[VDE Certificate](#)

English